

Overview of AI/ML applications at RHIC

Wednesday 21 May 2025 09:00 (30 minutes)

Artificial intelligence (AI) has a large transformative potential and is currently changing the industries around the globe. The deployment of cutting-edge AI techniques offers unparalleled opportunities to revolutionize data collection, reconstruction, and data analysis of the new era nuclear physics experiments. This talk will focus on the latest AI advancements and applications at the Relativistic Heavy Ion Collider (RHIC) spanning from the applications at the accelerator complex and detector design, towards data reduction, data reconstruction, physics analysis, and simulations.

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